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What is claimed is:

1. A compound of the formula I:

$$Z \times X \xrightarrow{H} OH \xrightarrow{R_{15}} Rc$$

$$R_1 R_2 R_3$$
(I)

or pharmaceutically acceptable salts thereof, wherein

Z is hydrogen, or

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Z is $(C_3-C_7 \text{ cycloalkyl})_{0-1}(C_1-C_6 \text{ alkyl})$ -, $(C_3-C_7 \text{ cycloalkyl})_{0-1}(C_2-C_6 \text{ alkenyl})$ -, $(C_3-C_7 \text{ cycloalkyl})_{0-1}(C_2-C_6 \text{ alkynyl})$ - or $(C_3-C_7 \text{ cycloalkyl})$ -, wherein each of said groups is optionally substituted with 1, 2, or 3 R_2 groups, wherein 1 or 2 methylene groups within said $(C_3-C_7 \text{ cycloalkyl})_{0-1}(C_1-C_6 \text{ alkyl})$ -, $(C_3-C_7 \text{ cycloalkyl})_{0-1}(C_2-C_6 \text{ alkenyl})$ -, $(C_3-C_7 \text{ cycloalkyl})_{0-1}(C_2-C_6 \text{ alkynyl})$ - or $(C_3-C_7 \text{ cycloalkyl})$ - groups are optionally replaced with -(C=0)-;

 R_Z at each occurrence is independently halogen (in one aspect, F or Cl), -OH, -SH, -CN, -CF₃, -OCF₃, C_1 -C₆ alkoxy, C_3 -C₇ cycloalkyl, C_3 -C₇ cycloalkoxy or -NR₁₀₀R₁₀₁;

 R_{100} and R_{101} at each occurrence are independently H, C_1 - C_6 alkyl, phenyl, C_0 (C_1 - C_6 alkyl) or SO_2C_1 - C_6 alkyl;

X is $-(C=0) - or -(SO_2) -;$

R₁ is C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, =O, -SH, -CN, -CF₃, -OCF₃, -C₃₋₇ cycloalkyl, -C₁-C₄ alkoxy, amino, monoor dialkylamino, aryl, heteroaryl, and heterocycloalkyl, wherein each aryl group is optionally substituted with 1, 2 or 3 R₅₀ groups; each heteroaryl is optionally substituted with 1 or 2 R₅₀ groups; and each heterocycloalkyl group is optionally substituted

with 1 or 2 groups that are independently R_{50} or =0;

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 R_{50} is selected from halogen, OH, SH, CN, -CO-(C₁-C₄ alkyl), -NR₇R₈, -S(O)₀₋₂-(C₁-C₄ alkyl), C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₁-C₆ alkoxy and C₃-C₈ cycloalkyl; wherein

the alkyl, alkenyl, alkynyl, alkoxy and cycloalkyl groups are optionally substituted with 1 or 2 substituents independently selected from C_1 - C_4 alkyl, halogen, OH, -NR₅R₆, CN, C_1 - C_4 haloalkoxy, NR₇R₈, and C_1 - C_4 alkoxy; wherein

 R_5 and R_6 are independently H or C_1 - C_6 alkyl; or R_5 and R_6 and the nitrogen to which they are attached form a 5 or 6 membered heterocycloalkyl ring;

 R_7 and R_8 are independently selected from H; $-C_1-C_4$ alkyl optionally substituted with 1, 2, or 3 groups independently selected from -OH, $-NH_2$, and halogen; $-C_3-C_6$ cycloalkyl; $-(C_1-C_4$ alkyl)- $O-(C_1-C_4$ alkyl); $-C_2-C_4$ alkenyl; and $-C_2-C_4$ alkynyl;

20 R_2 and R_3 are independently selected from H; F; $-C_1-C_6$ alkyl optionally substituted with -F, -OH, $-C\equiv N$, $-CF_3$, C_1-C_3 alkoxy, or $-NR_5R_6$; $-(CH_2)_{0-2}-R_{17}$; $-(CH_2)_{0-2}-R_{18}$; $-C_2-C_6$ alkenyl or C_2-C_6 alkynyl, wherein the alkenyl and alkynyl groups are optionally substituted with 1 or 2 groups that are independently -F, -OH, $-C\equiv N$, $-CF_3$ or C_1-C_3 alkoxy; $-(CH_2)_{0-2}-C_3-C_7$ cycloalkyl, which is optionally substituted with 1 or 2 groups that are independently -F, -OH, $-C\equiv N$, $-CF_3$, C_1-C_3 alkoxy and $-NR_5R_6$;

R₁₇ at each occurrence is an aryl group (preferably selected from phenyl, 1-naphthyl, 2-naphthyl, indanyl, indenyl, dihydronaphthyl and tetralinyl,) wherein said aryl group is optionally substituted with one or two groups that are independently -C₁-C₃ alkyl; -C₁-C₄ alkoxy; CF₃; -C₂-C₆ alkenyl or -C₂-C₆ alkynyl each of which is optionally substituted with

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one substituent selected from F, OH, C_1 - C_3 alkoxy; halogen; OH; -C \equiv N; -C₃-C₇ cycloalkyl; -CO-(C₁-C₄ alkyl); or -SO₂-(C₁-C₄ alkyl);

- is a heteroaryl group (preferably selected from R_{18} pyridinyl, pyrimidinyl, quinolinyl, indolyl, pryidazinyl, pyrazinyl, isoquinolyl, quinazolinyl, quinoxalinyl, phthalazinyl, imidazolyl, isoxazolyl, oxazolyl, thiazolyl, furanyl, thienyl, pyrrolyl, oxadiazolyl or thiadiazolyl,) wherein heteroaryl groups are optionally substituted with one or two groups that are independently $-C_1-C_6$ alkyl optionally substituted with one substituent selected from OH, C \equiv N, CF₃, C₁-C₃ alkoxy, and -NR₅R₆;
- R₁₅ is selected from hydrogen, C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_1 - C_6 alkyl, hydroxy C_1 - C_6 alkyl, halo C_1 - C_6 alkyl, each of which is unsubstituted or substituted with 1, 2, 3, or 4 groups independently selected from halogen, C_1 - C_6 alkyl, hydroxy, C_1 - C_6 alkoxy, and NH₂, and -R₂₆-R₂₇; wherein R₂₆ is selected from a bond, -C(O)-, -SO₂-, -CO₂-, -C(O)NR₅-, and -NR₅C(O)-,
 - R_{27} is selected from C_1 - C_6 alkyl, C_1 - C_6 alkoxy, aryl C_1 - C_6 alkyl, heterocycloalkyl, and heteroaryl, wherein each of the above is unsubstituted or substituted with 1, 2, 3, 4, or 5 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, haloalkyl, hydroxyalkyl, $-NR_5R_6$, or $-C(0)NR_5R_6$; or
 - R_2 , R_3 and the carbon to which they are attached form a C_3 - C_7 carbocycle, wherein 1, 2, or 3 carbon atoms are optionally replaced by groups that are independently selected from -O-, -S-, -SO₂-, -C(O)-, or -NR₇-;
 - R_{C} is selected from $-\left(CH_{2}\right)_{0-3}-\left(C_{3}-C_{8}\right)$ cycloalkyl wherein the cycloalkyl is optionally substituted with 1, 2, or 3 groups independently selected from $-R_{205};$ and $-CO_{2}-\left(C_{1}-C_{4}-R_{245}R_{250}\right)_{0-4}-R_{250}$ alkyl); $-\left(CR_{245}R_{250}\right)_{0-4}-R_{250}$ aryl; $-\left(CR_{245}R_{250}\right)_{0-4}-R_{250}$ aryl- $-\left(CR_{245}R_{250}\right)_{0-4}-R_{250}$

-(CR₂₄₅R₂₅₀)₀₋₄-aryl-heterocycloalkyl; heteroaryl; -(CR₂₄₅R₂₅₀)₀₋₄-aryl-aryl; -(CR₂₄₅R₂₅₀)₀₋₄-heteroaryl-aryl; -(CR₂₄₅R₂₅₀)₀₋₄-heteroaryl-heterocycloalkyl; $-(CR_{245}R_{250})_{0-4} -(CR_{245}R_{250})_{0-4}$ heteroaryl-heteroaryl; -CHR₂₄₅-CHR₂₅₀-aryl; 5 heterocycloalkyl-heteroaryl; $-(CR_{245}R_{250})_{0-4}$ heterocycloalkyl-heterocycloalkyl; $-(CR_{245}R_{250})_{0-4}$ heterocycloalkyl-aryl; a monocyclic or bicyclic ring of 5, 6, 7 8, 9, or 10 carbons fused to 1 or 2 aryl (preferably phenyl), heteroaryl (preferably pyridyl, imidazolyl, thienyl, thiazolyl, or pyrimidyl), 10 heterocycloalkyl (preferably piperidinyl or piperazinyl) groups; wherein 1, 2 or 3 carbons of the monocyclic or bicyclic ring are optionally replaced with -NH-, -N(CO) $_{0-1}R_{215}$ - $(-N(CO)_{0-1}R_{220}, -O, or -S(=O)_{0-2}, and wherein the$ 15 monocyclic or bicyclic ring is optionally substituted with 1, 2 or 3 groups that independently $-R_{205}$, $-R_{245}$, $-R_{250}$ or =0; and $-C_2-C_6$ alkenyl optionally substituted with 1, 2, or 3 20 R₂₀₅ groups; wherein each aryl or heteroaryl group attached directly indirectly to the $-(CR_{245}R_{250})_{0-4}$ group optionally substituted with 1, 2, 3 or 4 R_{200} groups; wherein each heterocycloalkyl attached directly or 25 indirectly to the $-(CR_{245}R_{250})_{0-4}$ group is optionally substituted with 1, 2, 3, or 4 R_{210} ; R₂₀₀ at each occurrence is independently selected from - C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R_{205} groups; -OH; -NO₂; -halogen; -C \equiv N; -(CH₂)₀₋₄-CO- $NR_{220}R_{225}$; - (CH₂)₀₋₄-CO-(C₁-C₈ alkyl); - (CH₂)₀₋₄-CO-(C₂-C₈ 30 alkenyl); $-(CH_2)_{0-4}-CO-(C_2-C_8$ alkynyl); $-(CH_2)_{0-4}-CO (C_3-C_7 \text{ cycloalkyl}); -(CH_2)_{0-4}-(CO)_{0-1}-aryl \text{ (preferably }$ -(CH₂)₀₋₄-(CO)₀₋₁-heteroaryl (preferablyphenyl); pyridyl, pyrimidyl, furanyl, imidazolyl, thienyl, 35 oxazolyl, thiazolyl, or pyrazinyl); $-(CH_2)_{0-4}-(CO)_{0-1}-$

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(preferably imidazolidinyl, heterocycloalkyl piperazinyl, pyrrolidinyl, piperidinyl, tetrahydropyranyl); $-(CH_2)_{0-4}-CO_2R_{215};$ $-(CH_2)_{0-4}-SO_2 NR_{220}R_{225}$; - $(CH_2)_{0-4}$ -S $(O)_{0-2}$ - $(C_1$ -C₈ alkyl); $-(CH_2)_{0-4}$ $S(0)_{0-2}-(C_3-C_7)$ cycloalkyl); $-(CH_2)_{0-4}-N(H)$ or CO_2R_{215} ; - $(CH_2)_{0-4}$ -N (H or R_{215}) - SO_2 - R_{220} ; - $(CH_2)_{0-4}$ -N (H or R_{215}) -CO-N(R_{215})₂; -(CH₂)₀₋₄-N(-H or R_{215}) -CO-R₂₂₀; $-(CH_2)_{0-4}-NR_{220}R_{225}$; $-(CH_2)_{0-4}-O-CO-(C_1-C_6 \ alkyl)$; $-(CH_2)_{0-4}-O-CO-(C_1-C_6 \ alkyl)$; $_{4}$ -O-(R₂₁₅); -(CH₂)₀₋₄-S-(R₂₁₅); -(CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally substituted with 1, 2, 3, or 5 -F); -C2-C6 alkenyl optionally substituted with 1 or 2 R_{205} groups; $-C_2-C_6$ alkynyl optionally substituted with 1 or 2 R_{205} groups; adamantly, and - $(CH_2)_{0-4}$ - C_3 - C_7 cycloalkyl;

- each aryl and heteroaryl group included within R_{200} is optionally substituted with 1, 2, or 3 groups that are independently $-R_{205}$, $-R_{210}$ or $-C_1$ - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ;
- each heterocycloalkyl group included within R_{200} is optionally substituted with 1, 2, or 3 groups that are independently R_{210} ;
- R₂₀₅ at each occurrence is independently selected from $-C_1-C_6$ alkyl, $-C_2-C_6$ alkenyl, $-C_2-C_6$ alkynyl, $-C_1-C_6$ haloalkoxy, $-(CH_2)_{0-3}(C_3-C_7)_{0-1}(C_1-C_6)$ cycloalkyl), -halogen, $-(CH_2)_{0-6}-CH$, -O-phenyl, OH, SH, $-(CH_2)_{0-6}-C=N$, $-(CH_2)_{0-6}-C$ (=O)NR₂₃₅R₂₄₀, -CF₃, $-C_1-C_6$ alkoxy, C_1-C_6 alkoxycarbonyl, and $-NR_{235}R_{240}$;
- R_{210} at each occurrence is independently selected from $-C_1-C_6$ alkyl optionally substituted with 1, 2, or 3 R_{205} groups; $-C_2-C_6$ alkenyl optionally substituted with 1, 2, or 3 R_{205} groups; C_1-C_6 alkanoyl; $-SO_2-(C_1-C_6)$ alkyl); $-C_2-C_6$ alkynyl optionally substituted with 1, 2, or 3 R_{205}

groups; -halogen; $-C_1-C_6$ alkoxy; $-C_1-C_6$ -NR₂₂₀R₂₂₅; -OH; haloalkoxy; -C₃-C₇ -C≡N; cycloalkyl optionally substituted with 1, 2, or 3 R_{205} groups; -CO-(C_1 - C_4 alkyl); $_{-}SO_{2}-NR_{235}R_{240}$; - $CO-NR_{235}R_{240}$; $-SO_2-(C_1-C_4 alkyl)$; and =O; 5 at each occurrence is independently selected R₂₁₅ $-C_1-C_6$ alkyl, $-(CH_2)_{0-2}-(aryl)$, $-C_2-C_6$ from alkenyl, $-C_2-C_6$ alkynyl, $-C_3-C_7$ cycloalkyl, - $-(CH_2)_{0-2} (CH_2)_{0-2}$ -(heteroaryl), and (heterocycloalkyl); wherein the aryl 10 group included within R_{215} is optionally substituted with 1, 2, or 3 groups that are independently - R_{205} or $-R_{210}$; wherein the heterocycloalkyl and heteroaryl groups included within R₂₁₅ optionally substituted with 1, 2, or 3 R_{210} ; 15 R_{220} and R_{225} at each occurrence are independently H, $-C_1-C_6$ alkyl, -CHO, hydroxy C_1-C_6 alkyl, C_1-C_6 alkoxycarbonyl, -amino C_1 - C_6 alkyl, - SO_2 - C_1 - C_6 alkyl, C₁-C₆ alkanoyl optionally substituted 20 with up to three halogens, $-C(0)NH_2$, $-C(0)NH(C_1 C_6$ alkyl), $-C(0)N(C_1-C_6$ alkyl)(C_1-C_6 alkyl), -halo C_1 - C_6 alkyl, -(CH_2)₀₋₂-(C_3 - C_7 cycloalkyl), $-(C_1-C_6 \text{ alkyl})-O-(C_1-C_3 \text{ alkyl}), -C_2-C_6 \text{ alkenyl}, -$ C₂-C₆ alkynyl, -aryl (preferably phenyl), -heteroaryl, or -heterocycloalkyl; wherein the 25 aryl, heteroaryl and heterocycloalkyl groups included within R_{220} and R_{225} is optionally substituted with 1, 2, or 3 R_{270} groups, R_{270} at each occurrence is independently $-R_{205}$, -30 C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; -C₂-C₆ alkenyl optionally substituted with 1, 2, or 3 R_{205} $-C_2-C_6$ alkynyl optionally groups; substituted with 1, 2, or 3 R_{205} groups; -35 phenyl; -halogen; -C₁-C₆ alkoxy; -C₁-C₆

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haloalkoxy; $-NR_{235}R_{240}$; -OH; $-C\equiv N$; $-C_3-C_7$ cycloalkyl optionally substituted with 1, 2, or 3 R_{205} groups; $-CO-(C_1-C_4 \text{ alkyl})$; $-SO_2-NR_{235}R_{240}$; $-CO-NR_{235}R_{240}$; $-SO_2-(C_1-C_4 \text{ alkyl})$; and =O;

 R_{235} and R_{240} at each occurrence are independently -H, -C₁-C₆ alkyl, C₂-C₆ alkanoyl, -SO₂-(C₁-C₆ alkyl), or -phenyl;

R₂₄₅ and R₂₅₀ at each occurrence are independently selected from H, $-(CH_2)_{0-4}CO_2C_1-C_4$ alkyl, $-(CH_2)_{0-4}C(=0)C_1-C_4$ alkyl, $-C_1-C_4$ alkyl, $-C_1-C_4$ hydroxyalkyl, $-C_1-C_4$ alkoxy, $-C_1-C_4$ haloalkoxy, $-(CH_2)_{0-4}-C_3-C_7$ cycloalkyl, $-C_2-C_6$ alkenyl, $-C_2-C_6$ alkynyl, $-(CH_2)_{0-4}$ aryl, $-(CH_2)_{0-4}$ heteroaryl, and $-(CH_2)_{0-4}$ heterocycloalkyl, or

 R_{245} and R_{250} are taken together with the carbon to which they are attached to form a monocycle or bicycle of 3, 4, 5, 6, 7 or 8 carbon atoms, where 1, 2, or 3 carbon atoms are optionally replaced by 1, 2, or 3 gropus that are independently -0-, -S-, $-SO_2$ -, -C(0)-, $-NR_{220}$ -, or $-NR_{220}R_{220}$ - wherein both R_{220} groups are alkyl; and wherein the ring is optionally substituted with 1, 2, 3, 4, 5, or 6 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, hydroxyl, NH_2 , $NH(C_1-C_6 \text{ alkyl})$, $N(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$, -NH- $C(0)C_1-C_5$ alkyl, -NH-SO₂-(C_1-C_6 alkyl), or halogen;

wherein the aryl, heteroaryl or heterocycloalkyl groups included within R_{245} and R_{250} are optionally substituted with 1, 2, or 3 groups that are independenly halogen, C_{1-6} alkyl, CN or OH.

2. A compound according to claim 1, wherein Z is $(C_3-C_7 \text{ cycloalkyl})_{0-1}(C_1-C_6 \text{ alkyl})_{-}$, $(C_3-C_7 \text{ cycloalkyl})_{0-1}(C_2-C_6 \text{ alkenyl})_{-}$, $(C_3-C_7 \text{ cycloalkyl})_{0-1}(C_2-C_6 \text{ alkynyl})_{-}$ or $(C_3-C_7 \text{ cycloalkyl})_{-}$, wherein each of said groups is optionally substituted with 1, 2, or 3 R_z groups;

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wherein, R_Z at each occurrence is independently halogen, -OH, -CN, C_1 - C_6 alkoxy, C_3 - C_7 cycloalkyl, C_3 - C_7 cycloalkoxy, -NR₁₀₀R₁₀₁;

where R_{100} and R_{101} are independently H, C_1 - C_6 alkyl, phenyl, $CO(C_1$ - C_6 alkyl) or SO_2C_1 - C_6 alkyl.

- 3. A compound according to claim 1, wherein X is (C=O)-.
- 4. A compound according to claim 3, wherein Z is H.
 - 5. A compound according to claim 1, wherein R_1 is C_1 - C_{10} alkyl optionally substituted with 1 or 2 groups independently selected from halogen, -OH, =O, -CF₃, -OCF₃, -C₃₋₇ cycloalkyl, -C₁-C₄ alkoxy, amino or aryl, wherein the aryl group is optionally substituted with 1 or 2 R_{50} groups;

wherein R_{50} is selected from halogen, OH, -CO-(C_1 - C_4 alkyl), -NR₇R₈, C_1 - C_6 alkyl, C_1 - C_6 alkoxy and C_3 - C_8 cycloalkyl;

wherein the alkyl, alkoxy and cycloalkyl groups are optionally substituted with 1 or 2 substituents independently selected from C_1 - C_4 alkyl, halogen, OH, -NR₅R₆, NR₇R₈, and C_1 - C_4 alkoxy;

wherein R_5 and R_6 at are independently H or $\mbox{\ensuremath{C_{1}\text{-}C_6}}$ alkyl; or

wherein R_5 and R_6 and the nitrogen to which they are attached form a 5 or 6 membered heterocycloalkyl ring; and

wherein R_7 and R_8 are independently selected from -H; -C₁-C₄ alkyl optionally substituted with 1, 2, or 3 groups independently selected from -OH, -NH₂, and halogen; -C₃-C₆ cycloalkyl; -(C₁-C₄ alkyl)-O-(C₁-C₄ alkyl).

6. A compound according to claim 5, wherein R_1 is $-CH_2$ 35 phenyl where the phenyl ring is optionally substituted with 1

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or 2 groups independently selected from halogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy and hydroxy.

- 7. A compound according to claim 6, wherein R_1 is benzyl, 3-fluorobenzyl or 3,5-difluorobenzyl.
 - 8. A compound according to claim 1, wherein R_{15} is H.
 - 9. A compound according to claim 7, wherein R_{15} is H.
 - 10. A compound according to claim 1 of the formula II:

$$Z_{X} \stackrel{H}{\stackrel{OH}{\longrightarrow}} \stackrel{H}{\stackrel{N}{\longrightarrow}} Rc$$
(II)

wherein Z is hydrogen, $-C_1-C_6$ alkyl, $-C_2-C_6$ alkenyl, $-C_2-C_6$ alkynyl or $-C_3-C_7$ cycloalkyl, where each of said groups is optionally substituted with 1 or 2 R_Z groups, wherein 1 or 2 methylene groups within said $-C_1-C_6$ alkyl, $-C_2-C_6$ alkenyl, $-C_2-C_6$ alkynyl or $-C_3-C_7$ cycloalkyl groups are optionally replaced with -(C=0)-;

wherein R_Z at each occurrence is independently halogen, -OH, -CN, -CF₃, C_1 -C₆ alkoxy, C_3 -C₇ cycloalkyl, C_3 -C₇ cycloalkoxy or -NR₁₀₀R₁₀₁;

where R_{100} and R_{101} are independently H, C_1 - C_6 alkyl, phenyl, $CO(C_1$ - C_6 alkyl) or SO_2C_1 - C_6 alkyl;

wherein X is -C(=0)-;

wherein R_1 is C_1 - C_{10} alkyl optionally substituted with 1 or 2 groups independently selected from halogen, -OH, =O, -CN, -CF₃, -OCF₃, -C₃-C₇ cycloalkyl, -C₁-C₄ alkoxy, amino, monodialkylamino, aryl, heteroaryl or heterocycloalkyl, wherein the aryl group is optionally substituted with 1 or 2 R_{50} groups;

where R_{50} is halogen, OH, CN, -CO-(C_1 - C_4 alkyl), -NR₇R₈, C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkoxy and C_3 - C_8 cycloalkyl;

where R_7 and R_8 are selected from H; $-C_1-C_4$ alkyl optionally substituted with 1, 2, or 3 groups selected from -OH, $-NH_2$ and halogen; $-C_3-C_6$ cycloalkyl; $-(C_1-C_4$ alkyl)- $O-(C_1-C_4$ alkyl); $-C_2-C_4$ alkenyl; and $-C_2-C_4$ alkynyl;

wherein R_{C} is selected from

10 - $(CR_{245}R_{250})_{0-4}$ -aryl;

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- $(CR_{245}R_{250})_{0-4}$ -heteroaryl;
- -(CR₂₄₅R₂₅₀)₀₋₄-heterocycloalkyl;

where the aryl group attached to the $-(CR_{245}R_{250})_{0-4}$ - group is optionally substituted with 1, 2, 3 or 4 R_{200} groups;

- where the heteroaryl group attached to the $-(CR_{245}R_{250})_{0-4}$ group is optionally substituted with 1, 2, 3, or 4 R_{200} groups; where the heterocycloalkyl group attached to the $-(CR_{245}R_{250})_{0-4}$ group is optionally substituted with 1, 2, 3, or 4 R_{210} groups.
- 20 11. A compound according to claim 10, wherein Z is $-C_1-C_6$ alkyl;
 - R_1 is C_1 - C_{10} alkyl substituted with 1 phenyl group, where the phenyl group attached to the alkyl is optionally substituted with 1 or 2 R_{50} groups, where each R_{50} is independently halogen, OH, CN, or C_1 - C_6 alkyl; and
 - R_{C} is $-(CR_{245}R_{250})_{0-4}$ -aryl or $-(CR_{245}R_{250})_{0-4}$ -heteroaryl, where the aryl and heteroaryl groups are optionally substituted with 1 or 2 R_{200} groups.
- 30 12. A compound according to claim 1 which is N-[(1S,2R)-3-[(3-bromobenzyl)amino]-1-(3,5-difluorobenzyl)-2-hydroxypropyl]acetamide;

N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[(4R)-6-isopropyl-2,2-dioxido-3,4-dihydro-1H-isothiochromen-4-

35 yl]amino}propyl)acetamide;

```
Pharmacia No. 01317.US1
           Elan No. 00447-US-NEW
                      N-((1S, 2R) -1 - (3, 5-difluorobenzyl) -2-hydroxy-3-{ [(4S) -6-
           isopropyl-2,2-dioxido-3,4-dihydro-1H-isothiochromen-4-
          yl]amino}propyl)acetamide;
                      N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-2,2-
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          dioxido-3,4-dihydro-1H-isothiochromen-4-yl)amino]-2-
          hydroxypropyl }acetamide;
                      N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-2,2-
           dioxido-3,4-dihydro-1H-isothiochromen-4-yl)amino]-2-
          hydroxypropyl acetamide;
                      N-[(1S,2R)-3-\{[1-(3-bromophenyl)cyclopropyl]amino\}-1-
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           (3,5-difluorobenzyl)-2-hydroxypropyl]acetamide hydrochloride;
                      methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
          difluorophenyl) -2-hydroxybutyl] amino}-3-(3-
          bromophenyl)propanoate;
                      N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(3-kg)]
15
           ethylbenzyl)amino]-2-hydroxypropyl}acetamide;
                      methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
          difluorophenyl) -2-hydroxybutyl]amino}-3-(3-
           ethylphenyl)propanoate;
20
                      3-{ [(2R,3S)-3-(acetylamino)-4-(3,5-difluorophenyl)-2-
          hydroxybutyl]amino}-3-(3-ethylphenyl)propanoic acid;
                      N-((1S, 2R) -1 - (3, 5-difluorobenzyl) -3 - \{[1 - (3 - ethylphenyl) - (3, 5 - difluorobenzyl) 
           3-hydroxypropyl]amino}-2-hydroxypropyl)acetamide;
                      N-\{(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(1S)-1]
           1,2,3,4-tetrahydronaphthalen-1-ylamino]propyl}acetamide;
25
                      N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(2,2-dioxido-3,4-
          dihydro-1H-isothiochromen-4-yl)amino]-2-
          hydroxypropyl }acetamide;
                      N-[1-(3,5-Difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-2\lambda^6-
           isothiochroman-4-ylamino)-2-hydroxy-propyl]-2-methylamino-
30
           acetamide;
                      N-\{(1S, 2R)-1-(3, 5-difluorobenzyl)-2-hydroxy-3-[(3-kg)]
           iodobenzyl) amino] propyl } acetamide;
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MBHB No. 02-793-C
    Pharmacia No. 01317.US1
    Elan No. 00447-US-NEW
          methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
    difluorophenyl) -2-hydroxybutyl]amino}-3-(3-
    iodophenyl)propanoate;
          methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
 5
    difluorophenyl) -2-hydroxybutyl] amino}-3-[3-(3-hydroxyprop-1-
    ynyl)phenyl]propanoate;
          N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[3-
    hydroxy-1-(3-iodophenyl)propyl]amino}propyl)acetamide;
          methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
    difluorophenyl) - 2 - hydroxybutyl] amino} - 3 - [3 - (3 -
10
    hydroxypropyl)phenyl]propanoate;
          N-\{(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(7-1)]
    methoxy-1,2,3,4-tetrahydronaphthalen-1-
    yl)amino]propyl}acetamide;
          2-Amino-N-[1-(3,5-difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-
15
    2\lambda^6-isothiochroman-4-ylamino)-2-hydroxy-propyl]-acetamide;
          N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[6-ethyl-2-
     (methylsulfonyl)-1,2,3,4-tetrahydroisoquinolin-4-yl]amino}-2-
    hydrcxypropyl) acetamide;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[(1S)-7-ethyl-1]\}
20
    1,2,3,4-tetrahydronaphthalen-1-yl]amino}-2-
    hydroxypropyl)acetamide;
         N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-\{[(1R)-7-ethyl-1]\}
    1,2,3,4-tetrahydronaphthalen-1-yl]amino}-2-
25
    hydroxypropyl)acetamide;
         N-[(1S,2R)-3-\{[1-(3-bromophenyl) cyclopropyl] amino}-1-
     (3,5-difluorobenzyl)-2-hydroxypropyl]acetamide;
          methyl 3 - \{ (2R, 3S) - 3 - (acetylamino) - 4 - (3, 5 - 4) \}
    difluorophenyl) -2-hydroxybutyl] amino}-3-[3-(5-formylthien-2-
30
    yl)phenyl]propanoate;
          methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
    difluorophenyl)-2-hydroxybutyl]amino}-3-(2'-acetyl-1,1'-
    biphenyl-3-yl)propanoate;
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Elan No. 00447-US-NEW
         N-[1-(3,5-Difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-2\lambda^6-
    isothiochroman-4-ylamino)-2-hydroxy-propyl]-3-methyl-
    butyramide;
         N-[(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-({1-[3'-
5
     (hydroxymethyl) -1,1'-biphenyl-3-
    yl]cyclopropyl}amino)propyl]acetamide;
         N-[(1S, 2R)-1-(3, 5-difluorobenzyl)-3-({1-[3-(5-1)]} - (3, 5-difluorobenzyl)]
    formylthien-2-yl)phenyl]cyclopropyl}amino)-2-
    hydroxypropyl]acetamide;
         N-[(1S,2R)-1-(3,5-difluorobenzyl)-3-(9H-fluoren-9-
10
    ylamino) -2-hydroxypropyl]acetamide;
         methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
    difluorophenyl) -2-hydroxybutyl]amino}-3-[3-
     (trifluoromethyl)phenyl]propanoate;
          methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
15
    difluorophenyl) -2-hydroxybutyl] amino}-3-(3-
    cyanophenyl) propanoate;
         N-[1-(3,5-Difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-2\lambda^6-
    isothiochroman-4-ylamino)-2-hydroxy-propyl]-3-hydroxy-2,2-
20
    dimethyl-propionamide;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[1-(3-1)]
    ethylphenyl)cyclopropyl]amino}-2-hydroxypropyl)acetamide;
          methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
    difluorophenyl) -2-hydroxybutyl] amino}-3-(3-
25
    bromophenyl) propanoate;
          N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-{[1-(3-
    ethynylphenyl)cyclopropyl]amino}-2-hydroxypropyl)acetamide;
          N-[(1S,2R)-3-[(2-bromo-9H-fluoren-9-yl)amino]-1-(3,5-
    difluorobenzyl) -2-hydroxypropyl]acetamide;
30
         N-{ (1S, 2R) -1- (3, 5-difluorobenzyl) -3- [ (2-ethyl-9H-fluoren-
    9-yl)amino]-2-hydroxypropyl}acetamide;
          N-{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(2,2-dioxido-3,4-
    dihydro-1,2-benzoxathiin-4-yl)amino]-2-
    hydroxypropyl acetamide;
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Elan No. 00447-US-NEW
                     N-{(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(6-iodo-
          3,4-dihydro-2H-chromen-4-yl)amino]propyl}acetamide;
                     N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{(4S)-6-}
          iodo-3,4-dihydro-2H-chromen-4-yl]amino}propyl)acetamide;
                     N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{(4R)-6-}
  5
          iodo-3,4-dihydro-2H-chromen-4-yl]amino}propyl)acetamide;
                     N-[1-(3,5-Difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-2\lambda^6-
          isothiochroman-4-ylamino) -2-hydroxy-propyl] -3-hydroxy-
          propionamide;
                     N-{ (1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-2,2-
10
          dioxido-3,4-dihydro-1,2-benzoxathiin-4-yl)amino]-2-
          hydroxypropyl }acetamide;
                     N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-2,2-
          dioxido-3,4-dihydro-1,2-benzoxathiin-4-yl)amino]-2-
         hydroxypropyl }acetamide;
15
                     N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-\{[4-(3-
          ethylphenyl)tetrahydro-2H-pyran-4-yl]amino}-2-
          hydroxypropyl) acetamide;
                     N-((1S,2R)-1-(3,5-difluorobenzyl)-3-{[1-(3-
          ethylphenyl)butyl]amino}-2-hydroxypropyl)acetamide;
20
                     N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[(4S)-6-ethyl-3,4-
          dihydro-2H-chromen-4-yl]amino}-2-hydroxypropyl)acetamide;
                     N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-\{(4R)-6-ethyl-3, 4-
          dihydro-2H-chromen-4-yl]amino}-2-hydroxypropyl)acetamide;
                     N-{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(7-ethyl-1,2,3,4-
25
          tetrahydronaphthalen-1-yl)amino]-2-hydroxypropyl}acetamide;
                     N-[1-(3,5-Difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-2\lambda^6-
          isothiochroman-4-ylamino)-2-hydroxy-propyl]-3-hydroxy-
          butyramide;
                     N-((1S, 2R) - 1 - (3, 5 - difluorobenzyl) - 3 - \{[1 - (3 - 3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - \{[1 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - [3 - (3 - 3)] - 3 - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3)] - [3 - (3 - 3
30
          ethylphenyl)cyclohexyl]amino}-2-hydroxypropyl)acetamide;
                     N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-{[1-(3-
          ethylphenyl)cyclopentyl]amino}-2-hydroxypropyl)acetamide;
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Pharmacia No. 01317.US1

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Pharmacia No. 01317.US1
          Elan No. 00447-US-NEW
                     N-{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-3,4-
          dihydro-1H-isothiochromen-4-yl)amino]-2-
          hydroxypropyl }acetamide;
                     N-\{(1S, 2R) -1 - (3, 5-difluorobenzyl) -3 - [(2-ethyl-5-fluoro-
  5
          9H-fluoren-9-yl)amino]-2-hydroxypropyl}acetamide;
                     methyl (3S)-3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
          difluorophenyl) -2-hydroxybutyl]amino}-3-(3-
          ethylphenyl) butanoate;
                     N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[1-(3-1)]}
          isobutylisoxazol-5-yl)cyclopropyl]amino}propyl)acetamide;
10
                     N-[1-(3,5-Difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-2\lambda^6-
          isothiochroman-4-ylamino) -2-hydroxy-propyl] -2-phenyl-
          acetamide;
                     N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(2-ethyl-7-fluoro-
          9H-fluoren-9-yl)amino]-2-hydroxypropyl}acetamide;
15
                     methyl (3R)-3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
          difluorophenyl) -2-hydroxybutyl]amino}-3-(3-
          ethylphenyl)butanoate;
                     N-\{(1S, 2R)-1-(3, 5-difluorobenzyl)-3-[(2, 5
20
          dipropylbenzyl)amino] -2-hydroxypropyl}acetamide;
                      {[1-(3,5-Difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-2\lambda^6-
          isothiochroman-4-ylamino)-2-hydroxy-propylcarbamoyl]-methyl}-
          methyl-carbamic acid tert-butyl ester;
                   N-{(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(2-
25
          isobutyl-9H-fluoren-9-yl)amino]propyl}acetamide;
                     N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-\{[(1S)-6-ethyl-2, 3-4]\}
          dihydro-1H-inden-1-yl]amino}-2-hydroxypropyl)acetamide;
                     N-[1-(3,5-Difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-2\lambda^6-
          isothiochroman-4-ylamino)-2-hydroxy-propyl]-2-methyl-2-
30
          methylamino-propionamide;
                     N-((1S,2R)-1-(3,5-difluorobenzyl)-3-{[1-ethyl-1-(3-
          ethylphenyl)propyl]amino}-2-hydroxypropyl)acetamide;
                     N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-2,2-
          dioxido-3,4-dihydro-1H-2,1-benzothiazin-4-yl)amino]-2-
35
          hydroxypropyl }acetamide;
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Pharmacia No. 01317.US1
          Elan No. 00447-US-NEW
                     N-{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-2,2-
          dioxido-3,4-dihydro-1H-2,1-benzothiazin-4-yl)amino]-2-
          hydroxypropyl}acetamide;
                     N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-3-methyl-4)]
          2,2-dioxido-3,4-dihydro-1H-isothiochromen-4-yl)amino]-2-
  5
          hydroxypropyl}acetamide;
                     N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-3-methyl-4)]
          2,2-dioxido-3,4-dihydro-1H-isothiochromen-4-yl)amino]-2-
          hydroxypropyl acetamide;
                     N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-
10
          1,2,3,4-tetrahydroquinolin-4-yl)amino]-2-
          hydroxypropyl}acetamide;
                     methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
          difluorophenyl) -2-hydroxybutyl] amino}-3-(3-
15
          ethylphenyl)propanoate;
                     N-[1-(3,5-Difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-2\lambda^6-
          isothiochroman-4-ylamino)-2-hydroxy-propyl]-2-(1H-imidazol-4-
          yl) -acetamide;
                     methyl 3-\{[(2R,3S)-3-(acetylamino)-4-(3,5-
          difluorophenyl) -2-hydroxybutyl]amino}-3-(3-
20
          ethylphenyl)propanoate;
                     N-[(1S,2R)-3-[(2-bromo-9-methyl-9H-fluoren-9-yl)amino]-1-
          (3,5-difluorobenzyl)-2-hydroxypropyl]acetamide;
                     N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[2-(1-ethylpropyl)-
25
          9H-fluoren-9-yl]amino}-2-hydroxypropyl)acetamide;
                     N-[(1S,2R)-3-[(2-cyclopentyl-9H-fluoren-9-yl)amino]-1-
          (3,5-difluorobenzyl)-2-hydroxypropyl]acetamide;
                     N-[1-(3,5-Difluoro-benzyl)-3-(6-ethyl-2,2-dioxo-2\lambda^6-
          isothiochroman-4-ylamino)-2-hydroxy-propyl]-propionamide;
30
                     N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(2-ethyl-9-methyl-
          9H-fluoren-9-yl)amino]-2-hydroxypropyl}acetamide;
                     N-[(1S,2R)-3-[(2-cyclohexyl-9H-fluoren-9-yl)amino]-1-
          (3,5-difluorobenzyl) -2-hydroxypropyl]acetamide;
                    N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[1-(4-ethylpyridin-
          2-yl)cyclopropyl]amino}-2-hydroxypropyl)acetamide;
35
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Pharmacia No. 01317.US1
               Elan No. 00447-US-NEW
                               N-((1S, 2R) -1 - (3, 5-difluorobenzyl) -2-hydroxy-3-{(4S) -6-}
                (1H-pyrrol-3-yl)-3,4-dihydro-2H-chromen-4-
               yl]amino}propyl)acetamide;
                               N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[(5R)-3-ethyl-1]\}
    5
               6,7,8,9-tetrahydro-5H-benzo[7]annulen-5-yl]amino}-2-
               hydroxypropyl) acetamide;
                               N-[(1S,2R)-3-\{[1-(3-bromophenyl)-1-methylethyl]amino\}-1-
                (3,5-difluorobenzyl) -2-hydroxypropyl]acetamide;
                               N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[2-(dimethylamino)-1]\}
               9H-fluoren-9-yl]amino}-2-hydroxypropyl)acetamide;
10
                               N-((1S, 2R)-1-(3, 5-difluorobenzyl)-2-hydroxy-3-{((1S)-7-
               propyl-1,2,3,4-tetrahydronaphthalen-1-
               yl]amino}propyl)acetamide;
                               N-[(1S, 2R) -1 - (3, 5-difluorobenzyl) -3 - ({(1S) -7 -}
                [(dimethylamino)methyl]-1,2,3,4-tetrahydronaphthalen-1-
15
               yl amino) - 2 - hydroxypropyl] acetamide;
                               N-[(1S, 2R) -3 - \{[(1S) -7 - bromo -1, 2, 3, 4 - tetrahydronaphthalen-
               1-yl]amino}-1-(3,5-difluorobenzyl)-2-hydroxypropyl]acetamide;
                               N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[1-(3-1)]}
20
               propylphenyl) cyclopropyl] amino } propyl) acetamide;
                               N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-{[1-(3-
               ethylphenyl)cycloheptyl]amino}-2-hydroxypropyl)acetamide;
                               N-{ (1S, 2R) -1- (3, 5-difluorobenzyl) -2-hydroxy-3-[(6-
               isopropyl-3,4-dihydro-2H-chromen-4-yl)amino]propyl}acetamide;
25
                               N-\{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethyl-2-hydroxy-1)-3-[(6-ethy
               2,3-dihydro-1H-inden-1-yl)amino]-2-hydroxypropyl}acetamide;
                               N-{(1S,2R)-1-(3,5-difluorobenzyl)-3-[(2-ethyl-6-fluoro-
               9H-fluoren-9-yl)amino]-2-hydroxypropyl}acetamide;
                               N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[2-
30
                (methoxymethyl) - 9H-fluoren - 9 - yl] amino } propyl) acetamide;
                               N-((1S, 2R) -1 - (3, 5-difluorobenzyl) -3 - \{[1 - (3 - ethylphenyl) - (3 - ethylphen
               2-(5-methyl-1,3-oxazol-2-yl)ethyl]amino}-2-
               hydroxypropyl)acetamide hydrochloride;
                               N-[(1S,2R)-1-(3,5-difluorobenzyl)-3-(3,4-dihydro-2H-
35
               chromen-4-ylamino)-2-hydroxypropyl]acetamide;
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Pharmacia No. 01317.US1
    Elan No. 00447-US-NEW
         N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-{[2-ethyl-5-
    (trifluoromethyl)-9H-fluoren-9-yl]amino}-2-
    hydroxypropyl)acetamide;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[2-(3-
    methylbutyl) - 9H-fluoren - 9-yl] amino } propyl) acetamide;
5
         N-\{(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(2-1)]
    isopropyl-9H-fluoren-9-yl)amino]propyl}acetamide;
         N-\{(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(2-1)]
    neopentyl-9H-fluoren-9-yl)amino]propyl}acetamide;
         N-\{(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(2-1)]
10
    isopropenyl-9H-fluoren-9-yl)amino]propyl}acetamide;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-3-{[1-(3-ethylphenyl)-
    1-methylethyl]amino}-2-hydroxypropyl)acetamide hydrochloride;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{(4S)-6-}
    isobutyl-3,4-dihydro-2H-chromen-4-yl]amino}propyl)acetamide;
15
         N-[(1S,2R)-3-{[(4S)-6-cyano-3,4-dihydro-2H-chromen-4-
    yl]amino}-1-(3,5-difluorobenzyl)-2-hydroxypropyl]acetamide;
         N-((1S, 2R)-1-(3, 5-difluorobenzyl)-2-hydroxy-3-{(4S)-6-}
    neopentyl-3,4-dihydro-2H-chromen-4-yl]amino}propyl)acetamide;
20
         N-\{(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(6-
    neopentyl-3,4-dihydro-2H-chromen-4-yl)amino]propyl}acetamide;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[2-
    (isopropylamino) -9H-fluoren-9-yl]amino}propyl)acetamide;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[1-(3-
    isobutylphenyl)cyclopropyl]amino}propyl)acetamide;
2<sup>'</sup>5
         N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[(4-
    isobutyl-1,1'-biphenyl-2-yl)methyl]amino}propyl)acetamide;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-3-{[7-(2,2-
    dimethylpropyl)-5-ethyl-1,2,3,4-tetrahydronaphthalen-1-
    yl]amino}-2-hydroxypropyl)acetamide;
30
         N-((1S,2R)-1-(3,5-difluorobenzyl)-3-{[(4R)-6-(2,2-
    dimethylpropyl) -3,4-dihydro-2H-chromen-4-yl]amino}-2-
    hydroxypropyl) acetamide;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[(1S)-7-(2,2-1)]
35
    dimethylpropyl)-1,2,3,4-tetrahydronaphthalen-1-yl]amino}-2-
    hydroxypropyl) acetamide;
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Pharmacia No. 01317.US1
    Elan No. 00447-US-NEW
          N-[(1S, 2R) -3 - \{[1 - (3 - tert - butylphenyl) cyclohexyl] amino} -1 -
     (3,5-difluorobenzyl)-2-hydroxypropyl]acetamide;
          N-[(1S,2R)-3-\{[4-(3-tert-butylphenyl)tetrahydro-2H-pyran-
    4-yl]amino}-1-(3,5-difluorobenzyl)-2-hydroxypropyl]acetamide;
 5
          N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[6-(2,2-1)]
    dimethylpropyl) -1,2,3,4-tetrahydroquinolin-4-yl]amino}-2-
    hydroxypropyl) acetamide;
          N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[1-(3-
    isopropylphenyl) -4-oxocyclohexyl]amino}propyl)acetamide;
          N-[(1S,2R)-3-\{[(4S)-6-(2,2-dimethylpropyl)-3,4-dihydro-
10
    2H-chromen-4-yl]amino}-1-(3-fluorobenzyl)-2-
    hydroxypropyl]acetamide;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-3-\{[5-(2,2-
    dimethylpropyl) -2-(1H-imidazol-1-yl)benzyl]amino}-2-
15
    hydroxypropyl) acetamide;
          N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-\{[7-(2, 2-1)]\}
    dimethylpropyl) -1-methyl-1,2,3,4-tetrahydronaphthalen-1-
    yl]amino}-2-hydroxypropyl)acetamide;
          N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-\{[6-(2, 2-
    dimethylpropyl) -4-methyl-3,4-dihydro-2H-chromen-4-yl]amino}-2-
20
    hydroxypropyl) acetamide;
         N-((1S,2R)-1-(3-fluoro-4-hydroxybenzyl)-2-hydroxy-3-{[1-
     (3-isopropylphenyl)cyclohexyl]amino}propyl)acetamide;
         N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[1-(3-1)]}
25
    isopropylphenyl)cyclohexyl]amino}propyl)-2-fluoroacetamide;
         N-((1S,2R)-1-[3-(allyloxy)-5-fluorobenzyl]-2-hydroxy-3-
    { [1-(3-isopropylphenyl) cyclohexyl] amino} propyl) acetamide;
         N-[(1S, 2R)-1-(3, 5-difluorobenzyl)-3-({1-[3-(2, 2-1)]})
    dimethylpropyl)phenyl]-1-methylethyl amino)-2-hydroxypropyl]-
30
    2-fluoroacetamide;
         N-((1S, 2R)-1-(3, 5-difluorobenzyl)-3-\{(1S)-7-(2, 2-1)\}
    dimethylpropyl)-1,2,3,4-tetrahydronaphthalen-1-yl]amino}-2-
    hydroxypropyl) -2-fluoroacetamide;
         N-[(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-({1-[3-(3-
    thienyl)phenyl]cyclohexyl}amino)propyl]acetamide;
35
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20

N-[(1S,2R)-1-(3,5-difluorobenzyl)-3-({1-[4-(2,2-dimethylpropyl)pyridin-2-yl]cyclopropyl}amino)-2-hydroxypropyl]acetamide;

N-((1R,2S)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[(1S)-7-propyl-1,2,3,4-tetrahydronaphthalen-1-yl]amino}propyl)acetamide;

N-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-{[1-(3-isobutylphenyl)cyclohexyl]amino}propyl)acetamide;

N-((1S,2R)-2-hydroxy-1-(4-hydroxybenzyl)-3-{[1-(3-

10 isopropylphenyl)cyclohexyl]amino}propyl)acetamide;

N- $((1R,2S)-1-(3,5-difluorobenzyl)-3-\{[(1S)-7-ethyl-1,2,3,4-tetrahydronaphthalen-1-yl]amino}-2-hydroxypropyl)-2-ethoxyacetamide; or$

N-((1S,2R)-1-(3,5-difluorobenzyl)-3-{[(1R)-7-ethyl-1,2,3,4-tetrahydronaphthalen-1-yl]amino}-2-hydroxypropyl)-2,2-difluoroacetamide; or a pharmaceutically acceptable salt thereof.

13. A method for preparing a compound of the formula

$$Z \times X \xrightarrow{H} OH \underset{R_1}{\overset{OH}{\underset{N}}} R_15} R_2$$

or a pharmaceutically acceptable salt thereof, wherein Z, X, R_1 , R_2 , R_3 , R_{15} and R_c are as defined in claim 1.

25 14. The method of treating a subject who has, or in preventing a subject from developing Alzheimer's disease (AD); preventing or delaying the onset of Alzheimer's disease; treating subjects with mild cognitive impairment preventing or delaying the onset of Alzheimer's disease in subjects who would progress from MCI to AD; treating Down's 30 syndrome; treating subjects who have Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch-Type; treating cerebral amyloid angiopathy and preventing its potential

5

consequences; treating other degenerative dementias; treating dementia associated with Parkinson's disease, progressive supranuclear palsy, or cortical basal degeneration; treating diffuse Lewy body type AD; and treating frontotemporal dementias with parkinsonism (FTDP), comprising administering a pharmaceutically acceptable amount of a compound according to claim 1 to a patient in need of such treatment.